

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012679.D
 Acq On : 21 Nov 2020 10:37
 Operator : CG/JU
 Sample : L4710-16DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B45DL

Quant Time: Nov 23 01:00:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 00:58:43 2020
 Response via : Initial Calibration

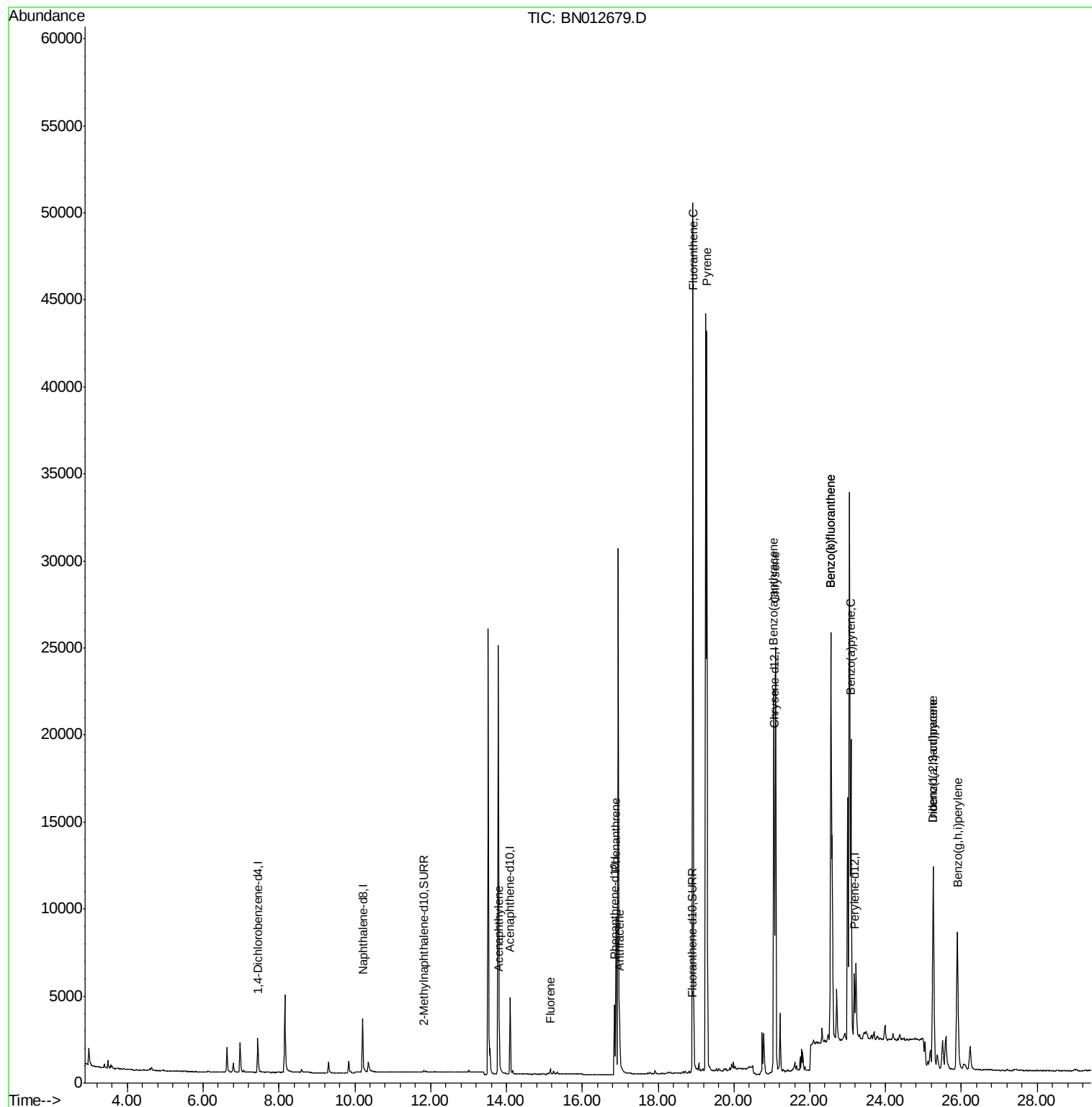
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1088	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4437	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2449	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4906	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4273	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4189	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.82	152	197	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	443	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.82	152	677	0.057	ng/ul#	83
9) Fluorene	15.16	166	235	0.021	ng/ul#	86
12) Phenanthrene	16.89	178	9727	0.570	ng/ul	97
13) Anthracene	16.98	178	1861	0.125	ng/ul	98
15) Fluoranthene	18.92	202	42475	2.155	ng/ul	98
17) Pyrene	19.29	202	36382	1.903	ng/ul	100
18) Benzo(a)anthracene	21.05	228	18779	1.226	ng/ul	99
19) Chrysene	21.10	228	23978	1.254	ng/ul	99
21) Benzo(b)fluoranthene	22.55	252	47573	2.469	ng/ul	91
22) Benzo(k)fluoranthene	22.55	252	47573	2.141	ng/ul#	92
23) Benzo(a)pyrene	23.09	252	21752	1.199	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.26	276	17144	0.723	ng/ul	97
25) Dibenzo(a,h)anthracene	25.26	278	3884	0.204	ng/ul#	93
26) Benzo(g,h,i)perylene	25.89	276	15579	0.730	ng/ul	97

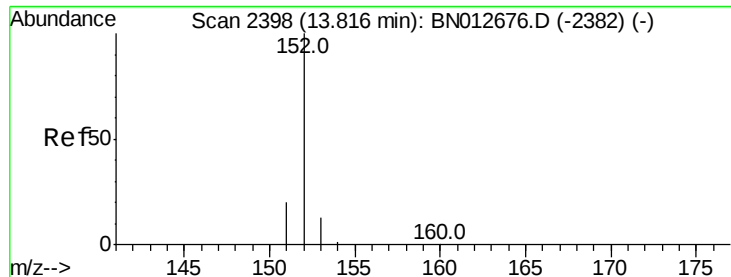
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012679.D
Acq On : 21 Nov 2020 10:37
Operator : CG/JU
Sample : L4710-16DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B45DL

Quant Time: Nov 23 01:00:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 00:58:43 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.057 ng/ul

RT: 13.82 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Instrument :

BNA_N

ClientSampleId :

C0B45DL

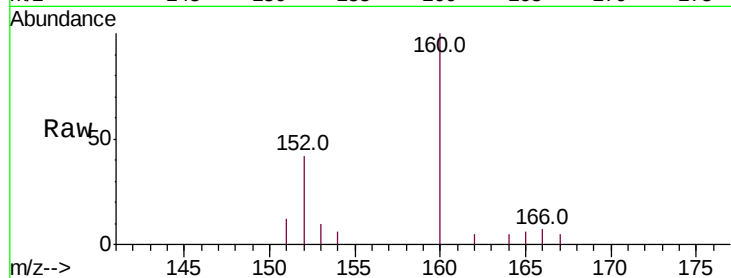
Tot Ion:152 Resp: 677

Ion Ratio Lower Upper

152 100

151 29.2 17.1 25.7#

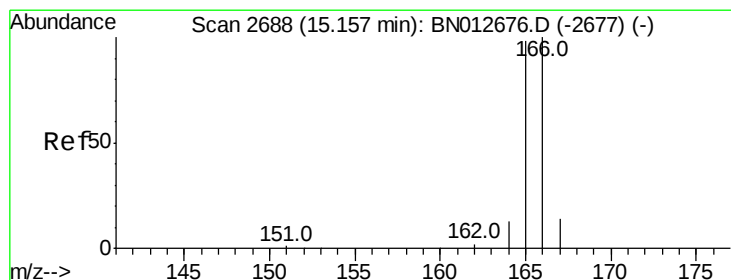
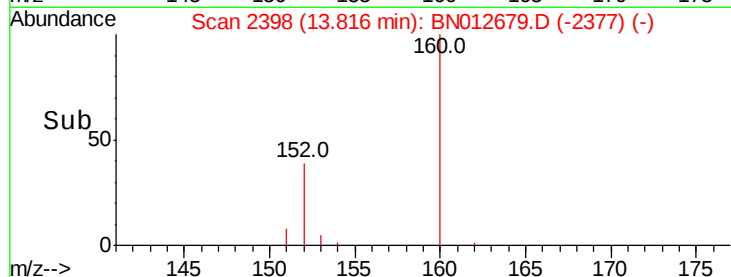
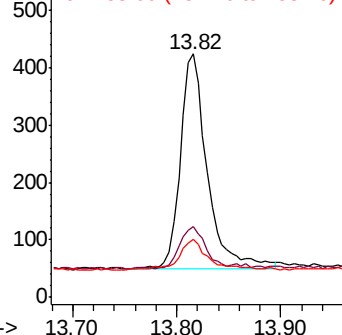
153 23.6 12.6 19.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.16 min Scan# 2688

Delta R.T. -0.00 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

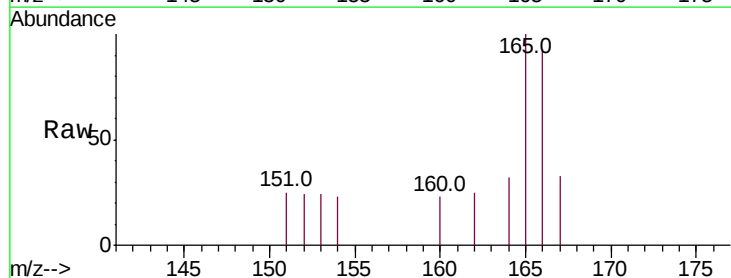
Tgt Ion:166 Resp: 235

Ion Ratio Lower Upper

166 100

165 107.0 78.5 117.7

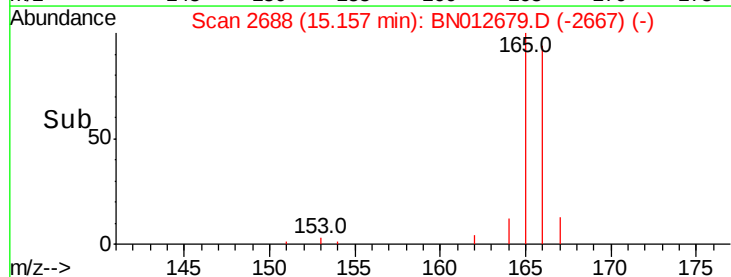
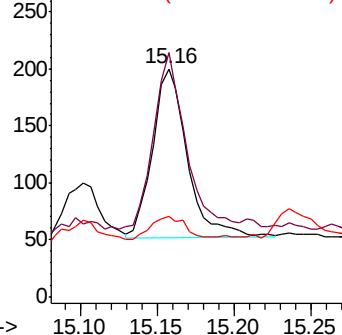
167 35.5 12.7 19.1#

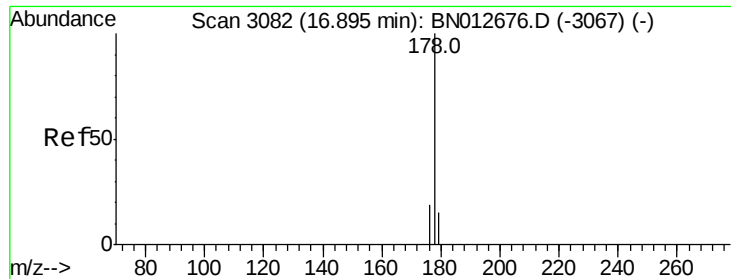


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.570 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Instrument :

BNA_N

ClientSampleId :

C0B45DL

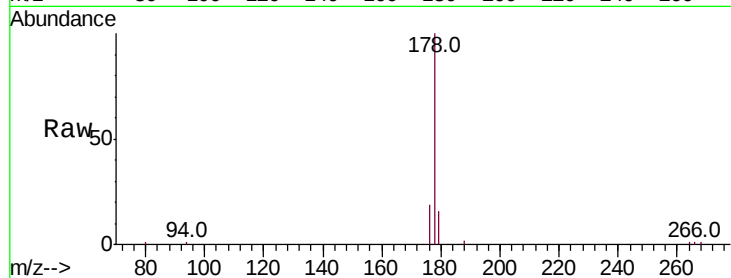
Tot Ion:178 Resp: 9727

Ion Ratio Lower Upper

178 100

179 16.1 13.8 20.6

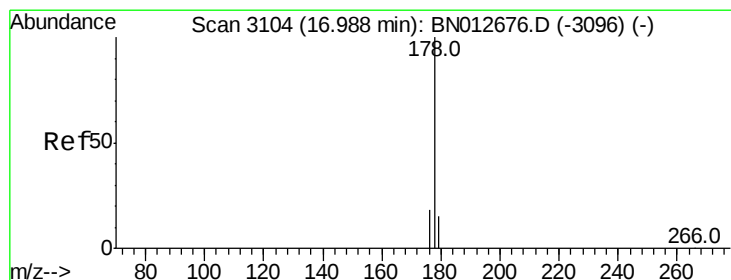
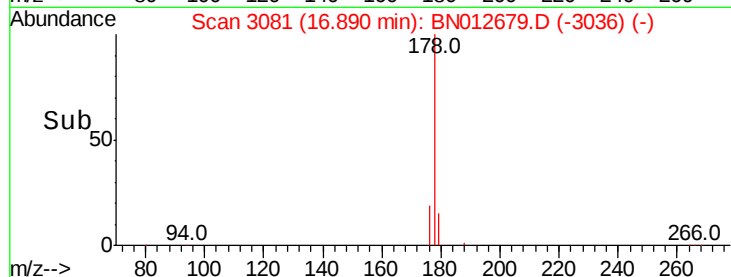
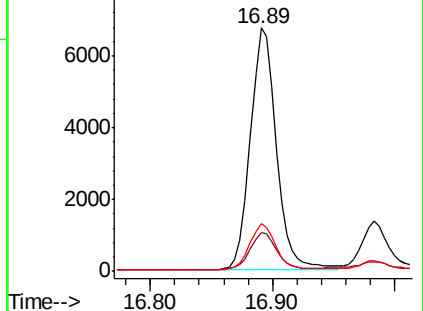
176 19.5 16.7 25.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.125 ng/ul

RT: 16.98 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

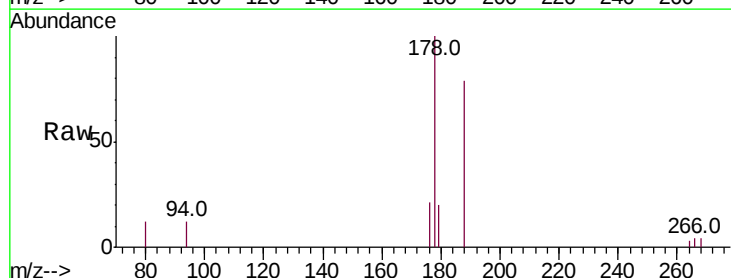
Tgt Ion:178 Resp: 1861

Ion Ratio Lower Upper

178 100

179 19.9 14.8 22.2

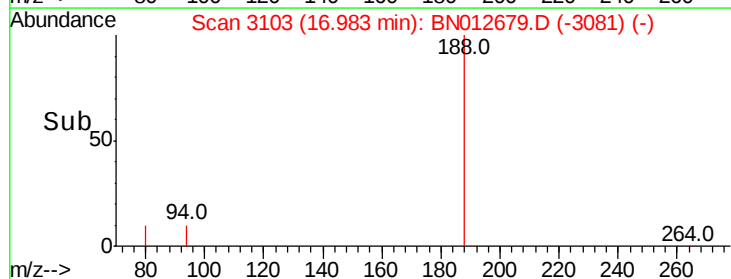
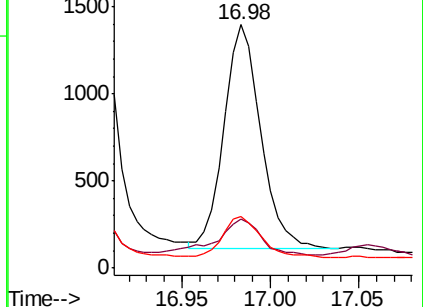
176 21.0 16.3 24.5

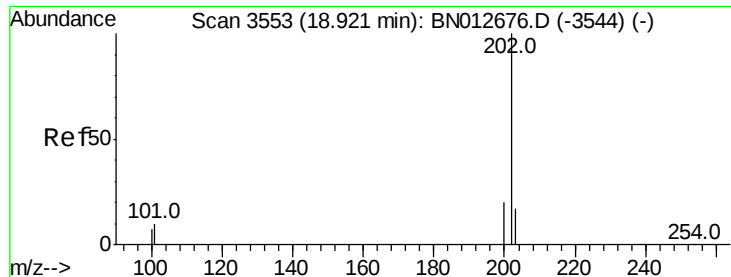


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 2.155 ng/ul

RT: 18.92 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Instrument :

BNA_N

ClientSampleId :

C0B45DL

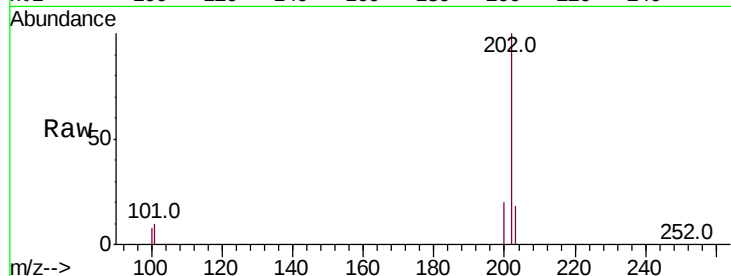
Tot Ion:202 Resp: 42475

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.5

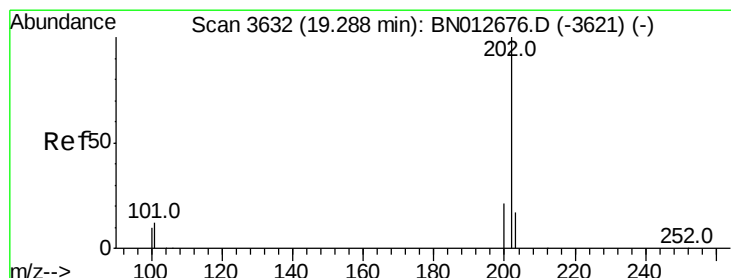
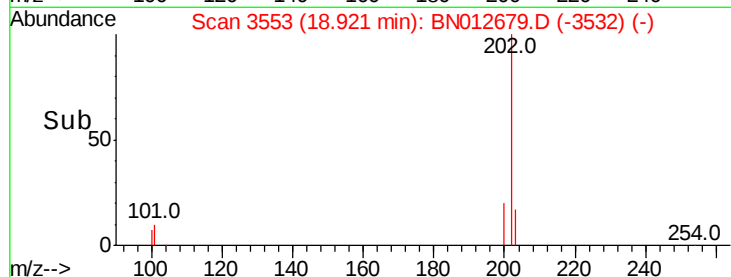
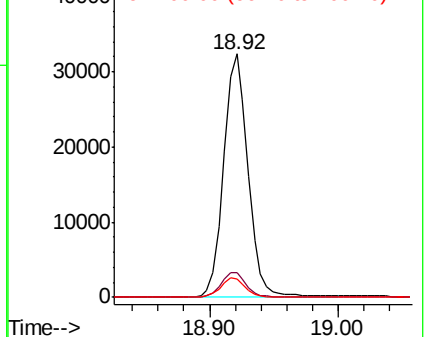
100 7.6 0.0 28.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 1.903 ng/ul

RT: 19.29 min Scan# 3632

Delta R.T. -0.00 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

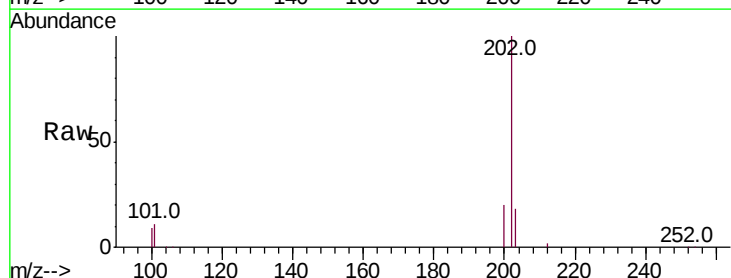
Tgt Ion:202 Resp: 36382

Ion Ratio Lower Upper

202 100

101 11.3 8.9 13.3

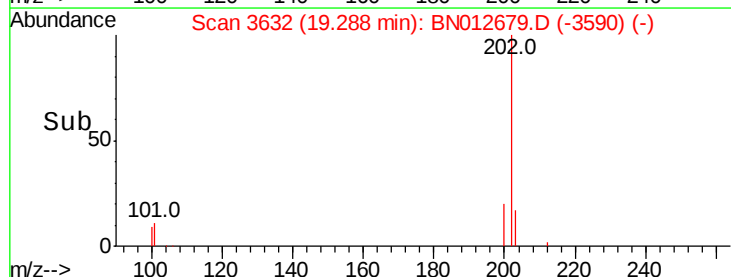
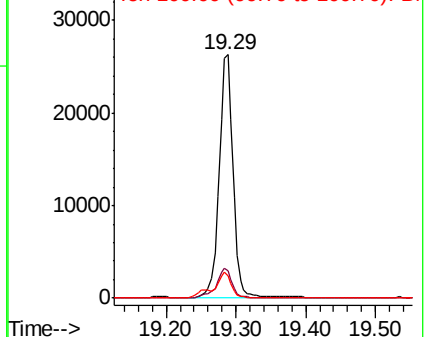
100 9.2 7.4 11.2

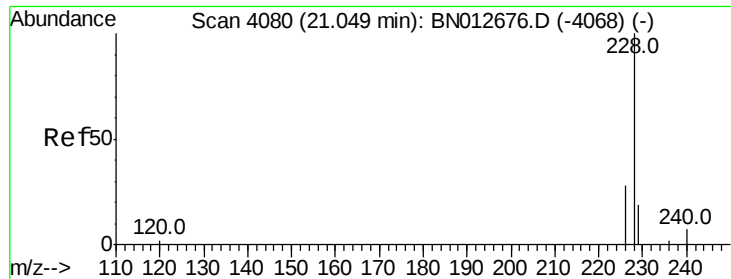


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 1.226 ng/ul

RT: 21.05 min Scan# 4079

Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Instrument :

BNA_N

ClientSampleId :

C0B45DL

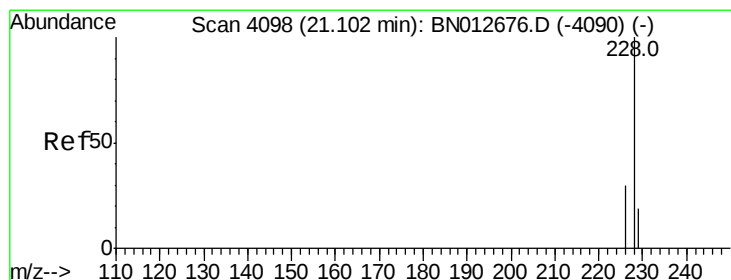
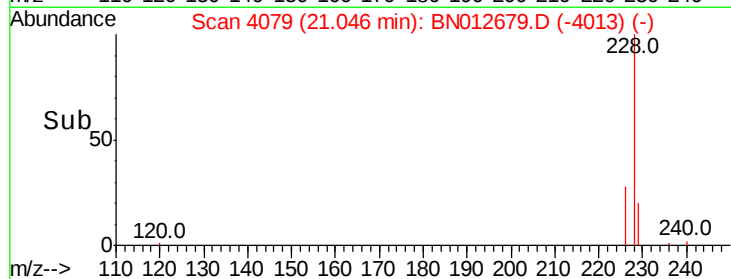
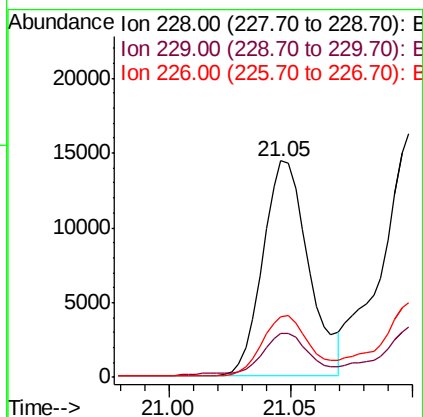
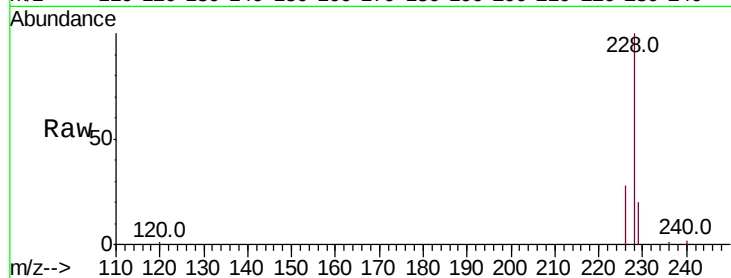
Tot Ion:228 Resp: 18779

Ion Ratio Lower Upper

228 100

229 20.4 16.9 25.3

226 28.2 23.1 34.7



#19

Chrysene

Concen: 1.254 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

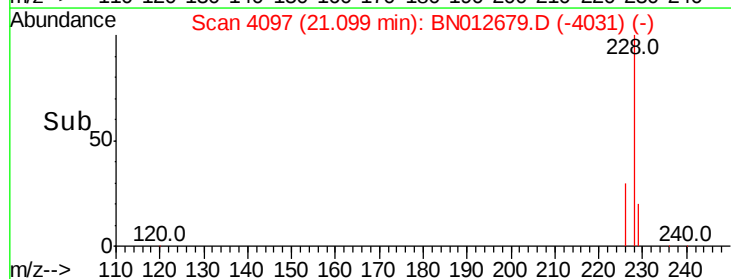
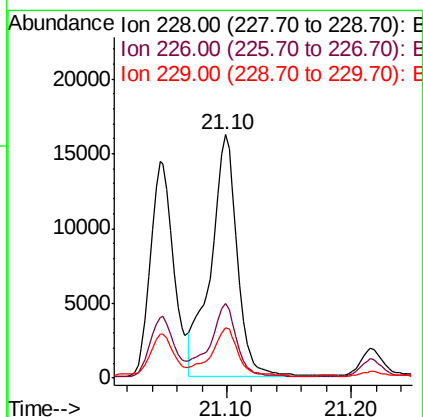
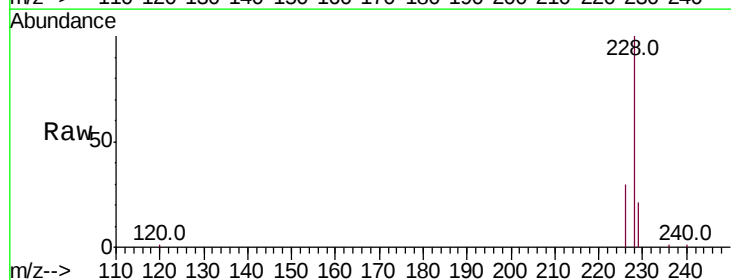
Tgt Ion:228 Resp: 23978

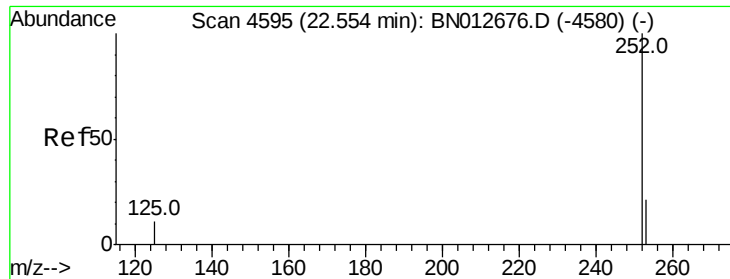
Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.7 16.1 24.1





#21

Benzo(b)fluoranthene

Concen: 2.469 ng/ul

RT: 22.55 min Scan# 4595

Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Instrument :

BNA_N

ClientSampleId :

C0B45DL

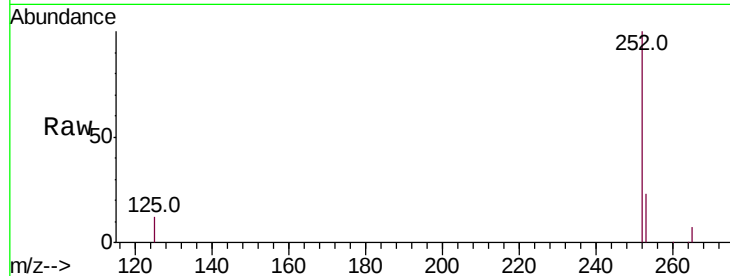
Tot Ion:252 Resp: 47573

Ion Ratio Lower Upper

252 100

253 23.4 0.0 58.4

125 12.0 0.0 28.6

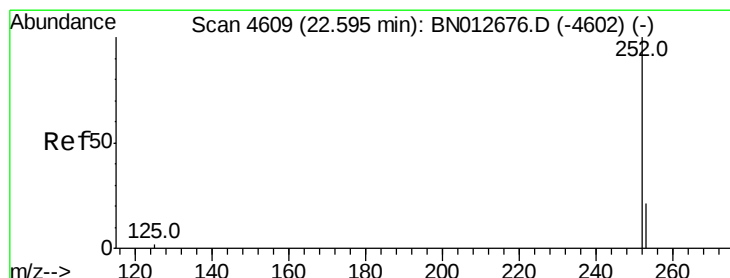
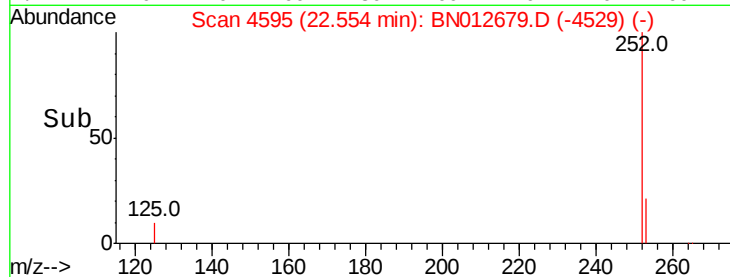
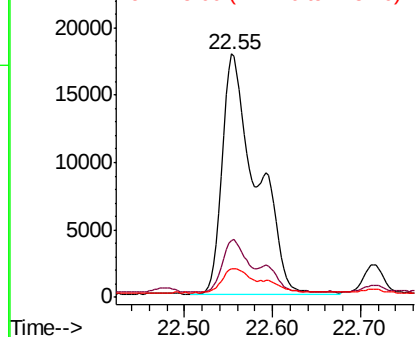


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 2.141 ng/ul

RT: 22.55 min Scan# 4595

Delta R.T. -0.05 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

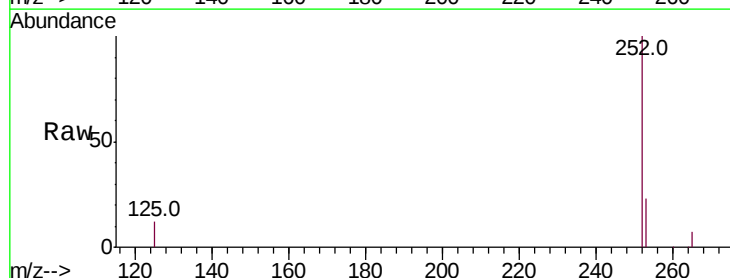
Tgt Ion:252 Resp: 47573

Ion Ratio Lower Upper

252 100

253 23.4 23.4 35.2#

125 12.0 10.2 15.2

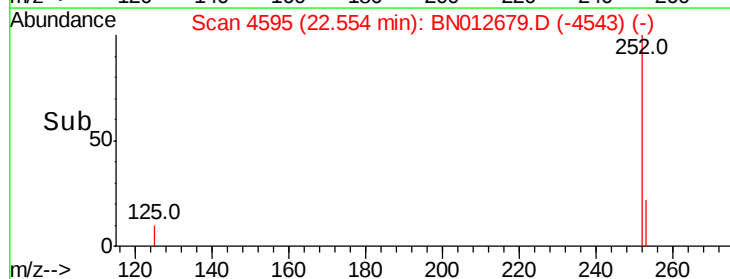
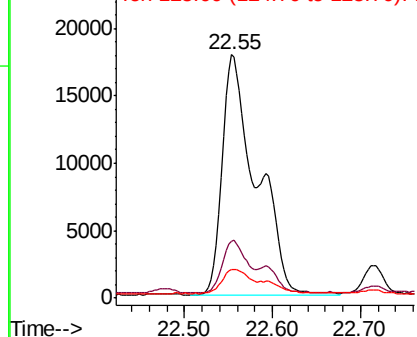


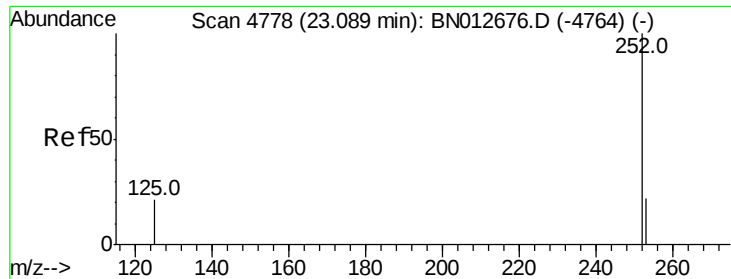
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.199 ng/ul

RT: 23.09 min Scan# 4777

Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Instrument :

BNA_N

ClientSampleId :

C0B45DL

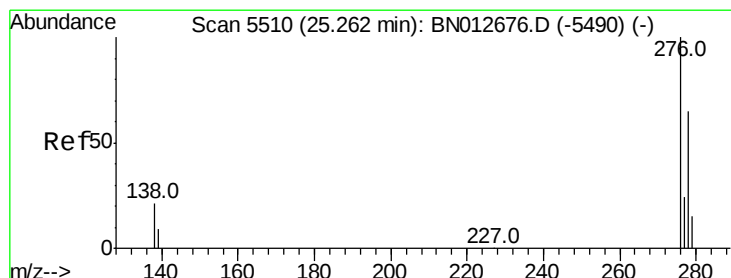
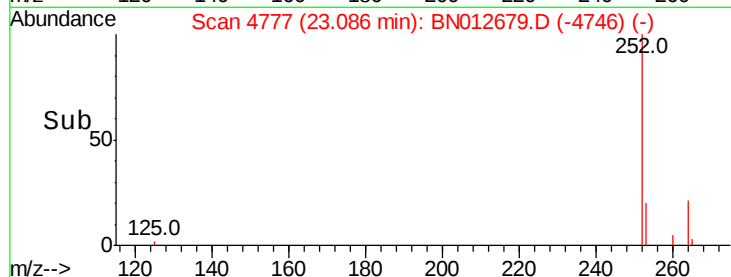
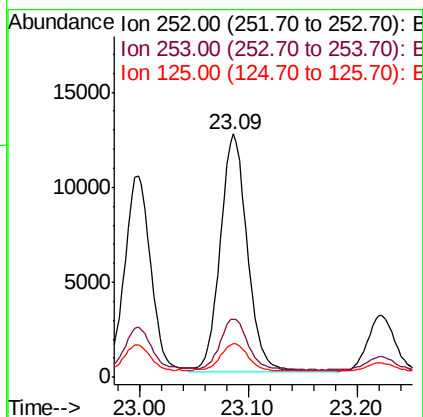
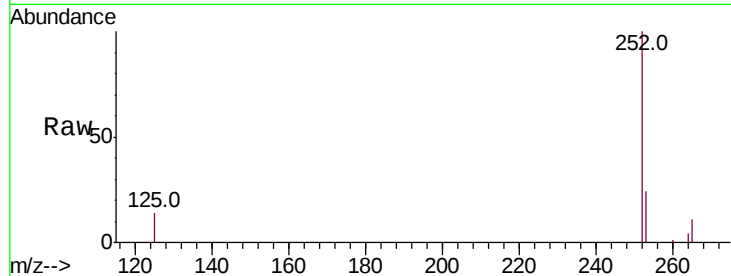
Tot Ion:252 Resp: 21752

Ion Ratio Lower Upper

252 100

253 23.9 27.6 41.4#

125 13.7 17.0 25.4#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.723 ng/ul

RT: 25.26 min Scan# 5508

Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

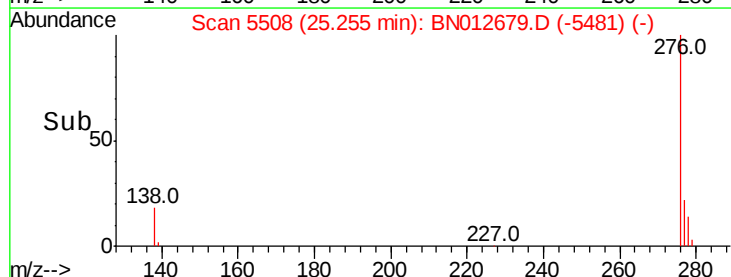
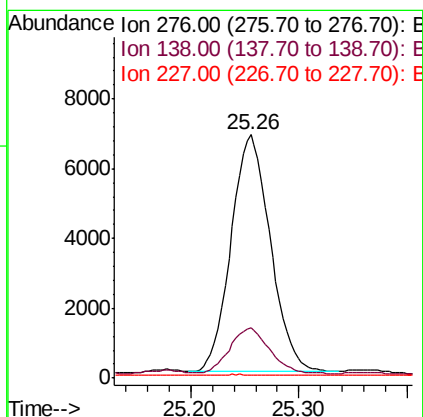
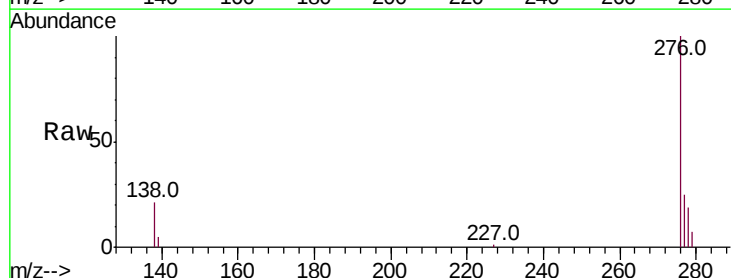
Tgt Ion:276 Resp: 17144

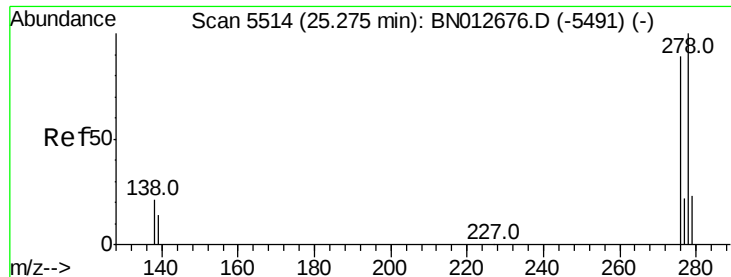
Ion Ratio Lower Upper

276 100

138 19.3 16.5 24.7

227 0.1 0.1 0.1





#25

Dibenzo(a,h)anthracene

Concen: 0.204 ng/u1

RT: 25.26 min Scan# 5510

Delta R.T. -0.02 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

Instrument :

BNA_N

ClientSampleId :

C0B45DL

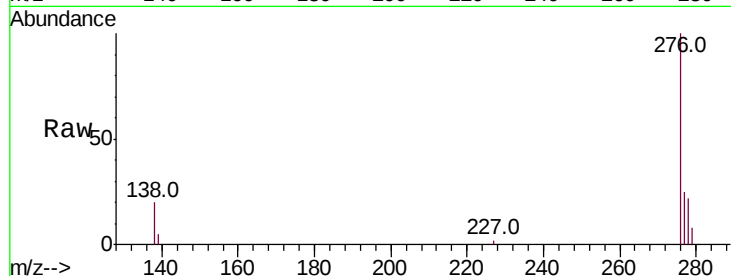
Tot Ion:278 Resp: 3884

Ion Ratio Lower Upper

278 100

139 22.5 13.8 20.8#

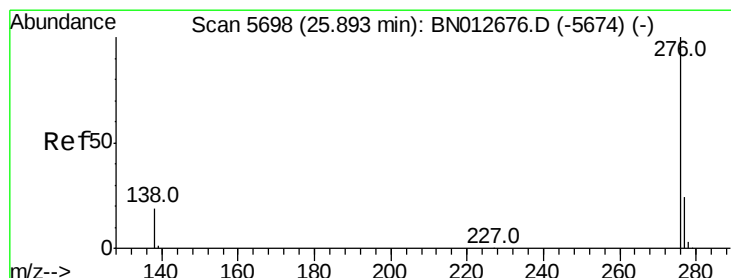
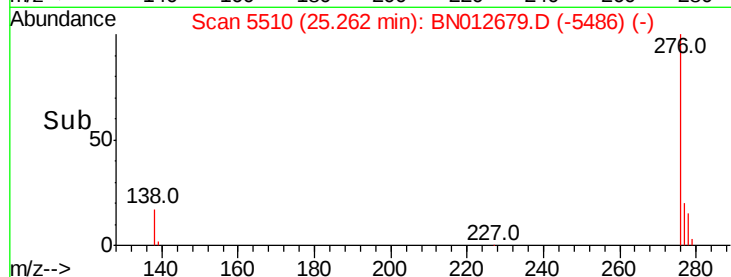
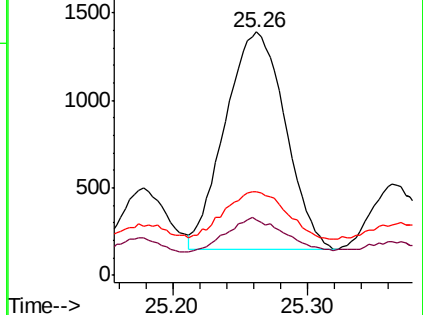
279 34.3 25.6 38.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.730 ng/u1

RT: 25.89 min Scan# 5698

Delta R.T. -0.01 min

Lab File: BN012679.D

Acq: 21 Nov 2020 10:37

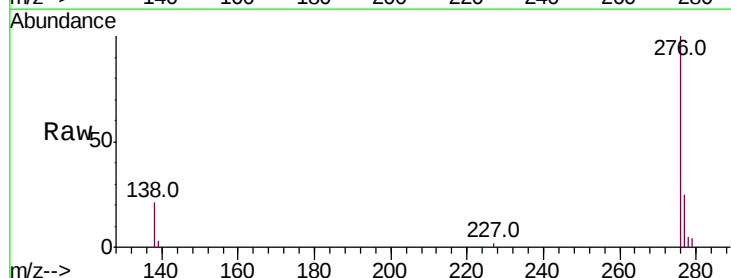
Tgt Ion:276 Resp: 15579

Ion Ratio Lower Upper

276 100

138 21.1 16.3 24.5

277 25.4 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

